

said communication line to assemble a multiplexed signal;

a cell multiplexing unit for forming the multiplexed signal assembled and the multiplexed signal generated in said multiplexed signal generator into cells, and transmitting the cells through said communication line;

wherein said cell-disassembling unit assembles plural multiplexed signals,

wherein said cell disassembling unit comprises:

first storage means for storing a first multiplexed signal of the plural multiplexed signals,

second storage means for storing a second multiplexed signal,

third storage means for storing the multiplexed signal generated in said multiplexed signal generator,

fourth storage means for storing the data other than the multiplexed signal to be transmitted from said communication terminal, and

read-out control means for controlling the read-out of the multiplexed signals stored in said first to fourth storage means,

wherein said cell multiplexing unit forms the multiplexed signals read out by said read-out control means into cells and transmits the cells thus obtained.

30. The communication terminal as claimed in claim 29, wherein when a multiplexed signal on a control signal is stored in said second storage means, said read-out control means controls the read-out timing of the multiplexed signal on the control signal stored in said fourth storage means. --